

Chief Secretary's Office, Adelaide, February 25th, 1890.

THE following Returns of Births and Deaths registered in South Australia during the undermentioned period are published for general information.

JOHN A. COCKBURN, Chief Secretary.

Return of Births and Deaths registered in South Australia in the Month of January, 1885-1890.

Years . . . . .	1885.	1886.	1887.	1888.	1889.	Average of Five Years.	1890.											Total for 1890.
• Population, Jan. 1	307,433	308,902	307,918	312,421	313,065		319,166											
Births....	920	897	808	810	822	851	827											827
Rate per cent. . .	·299	·290	·265	·259	·263	—	·259											
							All Ages.	Under 1 year.	1 and under 5.	5 and under	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Not state d.	Inquest cases	Uncerti- fied causes of Death.	
Deaths—																		
All causes . . . . .	317	555	452	364	428	423	384	131	41	33	57	48	61	12	1	59	18	384
Rate per cent. . .	·103	·179	·146	·116	·137	—	·120	—	—	—	—	—	—	—	—	—	—	—
Diseases—																		
I. Specific Febrile or Zymotic ..	71	125	112	69	108	—	78	38	13	11	10	3	3	—	—	—	—	—
II. Parasitic .....	3	2	2	2	1	—	4	—	—	1	3	—	—	—	—	—	—	—
III. Dietic .....	5	6	5	4	15	—	4	1	—	—	1	2	—	—	—	—	—	—
IV. Constitutional..	37	62	52	46	58	—	42	5	3	1	16	6	10	1	—	—	—	—
V. Developmental..	25	39	41	31	33	—	25	9	—	—	—	—	9	7	—	—	—	—
VI. Local .....	126	205	177	162	154	—	155	48	17	10	17	24	35	3	1	—	—	—
VII. Violence .....	28	51	21	20	27	—	44	4	7	9	10	10	3	1	—	—	—	—
VIII. Ill-defined and not specified causes .....	22	65	42	30	32	—	32	26	1	1	—	3	1	—	—	—	—	—

\* The numbers represent the population of South Australia proper, and are exclusive of that of the Northern Territory (European and Chinese), which at last census was 4,521, and also the aborigines, which at last census was 6,346.

Causes of Deaths registered in the Month of January, 1890.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Other constitutional diseases	1	—	Accidents of childbirth....	—	2
Measles .....	—	—	V.			Diseases of locomotive system .....	—	—
Scarlet fever .....	—	—	Premature birth.....	7	—	Diseases of integumentary system .....	—	1
Relapsing fever .....	—	—	Cyanosis .....	—	—	VII.		
Influenza .....	—	—	Congenital defects .....	2	—	(Accident.)		
Whooping-cough .....	1	—	Old age .....	—	16	Fracture and contusion....	—	9
Diphtheria .....	—	10	VI.			Gunshot wound .....	—	1
Simple and ill-defined fever..	—	1	Apoplexy .....	—	6	Cut, stab.....	—	—
Enteric fever .....	—	20	Epilepsy .....	—	4	Burn and scald .....	—	6
Simple cholera .....	2	—	Convulsions .....	11	3	Poison .....	—	1
Diarrhoea, dysentery.....	30	8	Other diseases of brain and nervous system .....	6	19	Drowning .....	1	11
Remittent fever .....	—	1	Diseases of organs of special sense .....	—	1	Sunstroke .....	2	5
Veneral affections .....	4	—	Diseases of circulatory system .....	1	24	Otherwise .....	1	—
Erysipelas .....	1	—	Croup .....	—	2	(Homicide.)		
Pyæmia and septicæmia ....	—	—	Bronchitis .....	9	8	Murder and manslaughter..	—	1
Puerperal fever .....	—	—	Pneumonia .....	3	7	(Suicide.)		
Other zymotic diseases .....	—	—	Pleurisy .....	1	1	Gunshot wound .....	—	—
II.			Other diseases of respiratory system.....	1	2	Cut, stab .....	—	2
Thrush .....	—	—	Dentition .....	4	2	Poison .....	—	—
Worms and other parasitical diseases .....	—	4	Quinsy, sore throat .....	1	2	Drowning .....	—	2
III.			Enteritis.....	8	2	Hanging .....	—	2
Privation—want of breast milk	1	—	Peritonitis .....	—	—	Otherwise .....	—	—
Alcoholism .....	—	3	Diseases of liver.....	—	6	VIII.		
IV.			Other diseases of digestive system.....	3	8	Dropsy .....	—	—
Rheumatic fever and rheumatism of heart .....	—	1	Diseases of lymphatic systems and of ductless glands .....	—	—	Debility, atrophy, inanition	25	3
Rheumatism .....	—	2	Diseases of urinary system .....	—	7	Mortification .....	1	—
Cancer, malignant disease....	—	8	Diseases of generative system .....	—	—	Tumor .....	—	—
Tabes mesenterica .....	2	2				Abscess .....	—	—
Tubercular meningitis .....	1	1				Hæmorrhage .....	—	—
Phthisis .....	—	18				Sudden, cause unascertained	—	—
Scrofula tuberculosis .....	1	2				Other ill-defined and not specified causes .....	—	3

## Return of Births and Deaths registered in City of Adelaide in the Month of January, 1885-90.

Years .....	1885.	1886.	1887.	1888.	1889.	Average of Five Years.	1890.											Total for 1890.
Population, Jan. 1st	43,969	45,333	42,904	43,527	43,750		44,581											
Births .....	108	86	92	88	75	90	90											90
Rate per cent.....	·246	·190	·214	·202	·171	—	·202											
							All Ages.	Under 1 year.	1 and under 5.	5 and under 20.	20 and under 40.	40 and under 60.	60 and under 80.	80 and upwards.	Not stated.	Inquest cases.	Uncerti- fied causes of death.	
Deaths—																		
All causes .....	56	103	67	68	94	78	95	24	7	7	18	14	21	4	—	8	2	95
Rate per cent.....	·127	·227	·158	·156	·215	—	·213	—	—	—	—	—	—	—	—	—	—	
Diseases—																		
I. Specific Febrile or Zymotic ..	16	14	13	13	18	—	20	8	4	3	3	—	2	—	—	—	—	
II. Parasitic .....	—	1	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	
III. Dietic .....	—	3	—	1	7	—	1	—	—	—	1	—	—	—	—	—	—	
IV. Constitutional ..	9	18	14	11	18	—	12	—	1	—	6	—	5	—	—	—	—	
V. Developmental...	2	10	7	4	5	—	6	—	—	—	—	—	4	2	—	—	—	
VI. Local .....	22	36	32	31	35	—	38	7	2	2	6	11	9	1	—	—	—	
VII. Violence .....	6	6	1	4	7	—	9	—	—	2	2	3	1	1	—	—	—	
VIII. Ill-defined and not specified causes ....	1	15	—	3	4	—	9	9	—	—	—	—	—	—	—	—	—	

## Causes of Deaths registered in the Month of January, 1890.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Scrofula tuberculosis ....	—	—	Accidents of childbirth ....	—	—
Measles .....	—	—	Other constitutional diseases	—	—	Diseases of locomotive system	—	—
Scarlet fever .....	—	—				Diseases of integumentary system .....	—	—
Relapsing fever .....	—	—	V.					
Influenza .....	—	—	Premature birth .....	—	—	VII. (Accident.)		
Whooping-cough .....	—	—	Cyanosis .....	—	—	Fracture and contusion....	—	1
Diphtheria .....	—	4	Congenital defect .....	—	—	Gunshot wound .....	—	—
Simple and ill-defined fever..	—	—	Old age .....	—	6	Cut, stab .....	—	—
Enteric fever .....	—	5				Burn and scald .....	—	2
Simple cholera .....	—	—	VI.			Poison .....	—	1
Diarrhoea, dysentery .....	5	2	Apoplexy .....	—	1	Drowning .....	—	1
Remittent fever .....	—	1	Epilepsy .....	—	2	Suffocation .....	—	—
Venereal affections .....	3	—	Convulsions .....	—	—	Sunstroke .....	—	2
Erysipelas .....	—	—	Other diseases of brain and nervous system .....	1	10	(Homicide.)		
Pyæmia and septicæmia ....	—	—	Diseases of organs of special sense .....	—	1	Murder and manslaughter..	—	—
Puerperal fever .....	—	—	Diseases of circulatory system	—	3	(Suicide.)		
Other zymotic diseases .....	—	—	Croup .....	—	—	Gunshot wound .....	—	—
II.			Bronchitis .....	2	2	Cut, stab .....	—	—
Thrush .....	—	—	Pneumonia .....	1	2	Poison .....	—	—
Worms and other parasitical diseases .....	—	—	Pleurisy .....	—	1	Drowning .....	—	1
III.			Other diseases of respiratory system .....	—	1	Hanging .....	—	1
Privation—want of breast milk	—	—	Dentition .....	—	1	Otherwise .....	—	—
Alcoholism .....	—	1	Quinsy, sore throat .....	—	—	VIII.		
IV.			Enteritis .....	1	—	Dropsy .....	—	—
Rheumatic fever and rheumatism of heart .....	—	—	Peritonitis .....	—	—	Debility, atrophy, inanition	8	—
Rheumatism .....	—	2	Diseases of liver .....	—	2	Mortification .....	1	—
Gout .....	—	1	Other diseases of digestive system .....	2	2	Tumor .....	—	—
Cancer, malignant disease ..	—	2	Diseases of lymphatic systems and of ductless glands	—	—	Abscess .....	—	—
Tabes mesenterica .....	—	1	Diseases of urinary system	—	3	Hæmorrhage .....	—	—
Tubercular meningitis .....	—	—	Diseases of generativesystem	—	—	Sudden, cause unascertained	—	—
Phthisis .....	—	6				Other ill-defined and not specified causes .....	—	—



Return of Births and Deaths registered in each Ward of the City of Adelaide, exclusive of Deaths in Public Institutions, of persons not usually resident in the city, in the Month of January, 1890.

	Total.	Hindmarsh.	Gawler.	Grey.	Young.	Robe.	MacDonnell.
Area in acres .....	3,632	573	659	552	718	480	650
Estimated population January 1st. ....	44,581	8,096	8,718	9,177	9,320	4,018	5,252
Persons to an acre .....	12·3	14·1	13·2	16·6	13·0	8·4	8·1
Births .....	80	11	26	16	22	7	8
Male .....	47	4	12	9	13	5	4
Female .....	43	7	14	7	9	2	4
Deaths .....	76	21	13	9	15	6	12
Male .....	49	15	12	5	7	4	6
Female .....	27	6	1	4	8	2	6
CLASSES.							
I. Specific Febrile or Zymotic Diseases .....	16	3	5	1	1	3	3
II. Parasitic Diseases .....	—	—	—	—	—	—	—
III. Dietic Diseases .....	1	—	—	—	1	—	—
IV. Constitutional Diseases .....	11	4	2	1	4	—	—
V. Developmental Diseases .....	5	3	—	—	—	—	2
VI. Local Diseases .....	28	9	3	5	4	2	5
VII. Violence .....	7	1	1	1	1	1	2
VIII. Ill-defined and not specified causes .....	8	1	2	1	4	—	—
Percentage of Deaths to population of each Ward .....	·170	·259	·149	·098	·161	·149	·228

Causes of Deaths registered in the Month of January, 1890.

	Under One Year.	One Year and Above.		Under One Year.	One Year and Above.		Under One Year.	One Year and Above.
I.			Phthisis .....	—	5	Accidents of childbirth ....	—	—
Measles .....	—	—	Scrofula tuberculosis .....	—	—	Diseases of locomotive system	—	—
Scarlet fever .....	—	—	Other constitutional diseases.	—	—	Diseases of integumentary system .....	—	—
Relapsing fever .....	—	—						
Influenza .....	—	—	V.					
Whooping-cough .....	—	—	Premature birth .....	—	—			
Diphtheria .....	—	4	Cyanosis .....	—	—	VII.		
Simple and ill-defined fever ..	—	—	Congenital defects .....	—	—	(Accident.)		
Enteric fever .....	—	2	Old age .....	—	5	Fracture and contusion ....	—	—
Simple cholera .....	—	—				Gunshot wound .....	—	—
Diarrhoea, dysentery .....	5	2	VI.			Cut, stab .....	—	—
Remittent fever .....	—	—	Apoplexy .....	—	1	Burn and scald .....	—	2
Venereal affections .....	3	—	Epilepsy .....	—	1	Poison .....	—	—
Erysipelas .....	—	—	Convulsions .....	—	—	Drowning .....	—	1
Pyæmia and septicæmia ....	—	—	Other diseases of brain and nervous system .....	1	8	Suffocation .....	—	—
Puerperal fever .....	—	—	Diseases of organs of special sense .....	—	—	Sunstroke .....	—	2
Other zymotic diseases .....	—	—	Diseases of circulatory system	—	2	(Homicide.)		
II.			Croup .....	—	—	Murder and manslaughter ..	—	—
Thrush .....	—	—	Bronchitis .....	2	1	(Suicide.)		
Worms and other parasitical diseases .....	—	—	Pneumonia ..	1	—	Gunshot wound .....	—	—
III.			Pleurisy .....	—	1	Cut, stab .....	—	—
Privation — Want of breast milk .....	—	—	Other diseases of respiratory system .....	—	1	Poison .....	—	—
Alcoholism .....	—	1	Dentition .....	—	1	Drowning .....	—	1
IV.			Quinsy, sore throat .....	—	—	Hanging .....	—	1
Rheumatic fever and rheumatism of heart .....	—	—	Enteritis .....	1	—	Otherwise .....	—	—
Rheumatism .....	—	2	Peritonitis .....	—	—	VIII.		
Gout .....	—	1	Diseases of liver .....	—	1	Dropsy .....	—	—
Cancer, Malignant Disease ..	—	2	Other diseases of digestive system .....	2	1	Debility, atrophy, inanition	7	—
Tabes mesenterica .....	—	1	Diseases of lymphatic systems and of ductless glands ....	—	—	Mortification .....	1	—
Tubercular meningitis .....	—	—	Diseases of urinary system ..	—	3	Tumor .....	—	—
			Diseases of generative system	—	—	Abscess .....	—	—
						Hæmorrhage .....	—	—
						Sudden, cause unascertained.	—	—
						Other ill-defined and not specified causes .....	—	—

G. H. AYLIFFE, Registrar-General of Births and Deaths.

## JANUARY, 1890.

The highest temperature in the shade at the Adelaide Observatory during the month was  $105^{\circ}0$  on the 18th; and the lowest,  $54^{\circ}7$ , on the 4th. The mean temperature of the month was  $79^{\circ}7$ .

The greatest range of the thermometer in one day,  $38^{\circ}8$ , took place on the 4th, viz., from a maximum of  $93^{\circ}5$  to a minimum of  $54^{\circ}7$ ; the lowest range,  $12^{\circ}2$ , on the 27th.

The mean height of the barometer was 29.788 inches; the maximum, 30.028 inches, occurred on the 6th; and the minimum, 29.500 inches, on the 9th.

Observatory, Adelaide, February 5th, 1890.

C. TODD, Observer.